

Title (en)
COMPOSITION CURED BY APPLYING HEAT/PRESSURE THERETO

Title (de)
DURCH ANWENDUNG VON HITZE/DRUCK GEHÄRTETE ZUSAMMENSETZUNG

Title (fr)
COMPOSITION DURCIE PAR APPLICATION DE CHALEUR/PRESSION À CELLE-CI

Publication
EP 2311913 A1 20110420 (EN)

Application
EP 09773566 A 20090703

Priority
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Abstract (en)
Disclosed is a composition from which a biomass material can be obtained with low energy through simple processes and facilities. Also disclosed are a formed body (a cured body such as a molding and a particleboard) obtained from the composition and a method for producing the formed body. Specifically disclosed is a composition which is cured by applying heat/pressure thereto. The composition is characterized by being mainly composed of a plant-derived material in the form of powder or small pieces and a polycarboxylic acid. It is preferable that the composition additionally contains a sugar. The composition is useful as a composition for molding or a composition for wood bonding. A formed body can be produced by adding a polycarboxylic acid and a sugar in the form of a solution into a plant-derived material in the form of small pieces, and applying heat/pressure thereto.

IPC 8 full level
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CPC (source: EP US)
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C-Set (source: EP US)
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